

Work Order ID 163397

163397

Page 1

Tuesday, June 27, 2017 11:37:11 AM

Item ID: D500-560-041 Accept *N9000040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Cargo Mirror Installation 6"
Start Date: 7/6/2017 Start Qty: 2.00 *2* Cust Item ID:
Required Date: 7/14/2017 Req'd Qty: 2.00 *2* Customer:
Reference:

Approvals: Process Plan: DAS JUL 03 2017 Tooling: _____ Date: _____ Run Start *NR1*
21 Date: _____ Stop *NR2*
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A D500-560	Rev D								
100	Document Control	0.00							
100	DOCUMENT CONTROL	0.00							
DC	Memo	0.00							
Doc.Control -USB or Paperwork	Photocopy bluefile and create labels as per PPP D500-560-041 CHG006								
110	Small Fab	0.00							
110	Small Fab	0.55							
Small Fab	Memo								
Small Fab	Before assembly repass tap on stud. Assemble as per drawing D500-560 PAGE 8- BLUE FILE								
120	QC5- Inspect part completeness to step on W/O	0.00							
120	QC	0.04							
Quality Control	Memo								

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Item ID: D500-560-041 Accept *N9000040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cargo Mirror Installation 6"
 Start Date: 7/6/2017 Start Qty: 2.00 *2* Cust Item ID:
 Required Date: 7/14/2017 Req'd Qty: 2.00 *2* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Pick Kit	0.00							
130 Packaging	Memo	0.02				2	AUG 02 2017		
140	QC4- 100% Inspect kits for completeness	0.00							
140 QC	Memo	0.06				2	DAS 28 9-89	AUG 02 2017	
150	Identify as per dwg & Stock Location: _____	0.00							
150 Packaging	Packaging					2	DAS 28 9-89	AUG 04 2017	
Packaging	Memo	0.00							
	Identify and pack for shipping as per PPP D500-560-041 LOCATION: FG011								

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Item ID: D500-560-041

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cargo Mirror Installation 6"

Start Date: 7/6/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 7/14/2017 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

160

QC

Memo

0.20

Quality Control

17/8 19 28

AUG 04 2017

Picklist Print

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Work Order ID: 163397

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Parent Item: D500-560-041

D500-560-041

Parent Item Name: Cargo Mirror Installation 6"

Start Date: 7/6/2017

Required Date: 7/14/2017

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP Rev:E03.10.15Reformat; Removed D2057KJ/RF
IPP Rev:F 08-05-27 as per ECN1195p DD verified by:EC IPP Rev:G
10.04.22 chg route seq DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-4A *AN3-4A* Bolt		Purchased	No			140	Each	236.0000	4	8		AUG 02 2017	
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				ST350		236				8			
				m137478		236							
AN526C1032R10 *AN526C1032R10* Screw		Purchased	No			110	Each	121.0000	4	8		17/08/01	DAS 36 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FP001		21							
				m135133		21							
				ST327		100							
				m137851		100							
D1048 *D1048* Clamp		Manufactured	No			110	Each	19.0000	2	4		17/08/01	DAS 36 9-89
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				GA		19							
				148270		3							
				159855		16							

Picklist Print

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Work Order ID: 163397

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Parent Item: D500-560-041

D500-560-041

Parent Item Name: Cargo Mirror Installation 6"

Start Date: 7/6/2017

Required Date: 7/14/2017

Start Qty: 2.00

Required Qty: 2.00

D1049

Manufactured No

110

Each

11.0000

** 2 4

17/08/01 DAS 36 9-89

D1049

Saddle

Location

Loc Qty

Loc Code

GA

11

158493

1

162358

10

110

Each

3.0000

** 1 2

17/08/01 DAS 36 9-89

D2010-101

Manufactured No

D2010-101

Mirror Bracket 369/500

Location

Loc Qty

Loc Code

ST479

3

148945

3

110

Each

0.0000

** 1 2

17/08/01 DAS 36 9-89

D2010-103

Manufactured No

D2010-103

Mirror Arm 369/500

D2011-101

Manufactured No

D2011-101

Mirror 6"

Location

Loc Qty

Loc Code

FG

1

106348

1

ST371

28

160663

28

ST383

20

159140

20

ST384

8

158473

8

2

17/08/01 DAS 36 9-89

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Shop Packet Print

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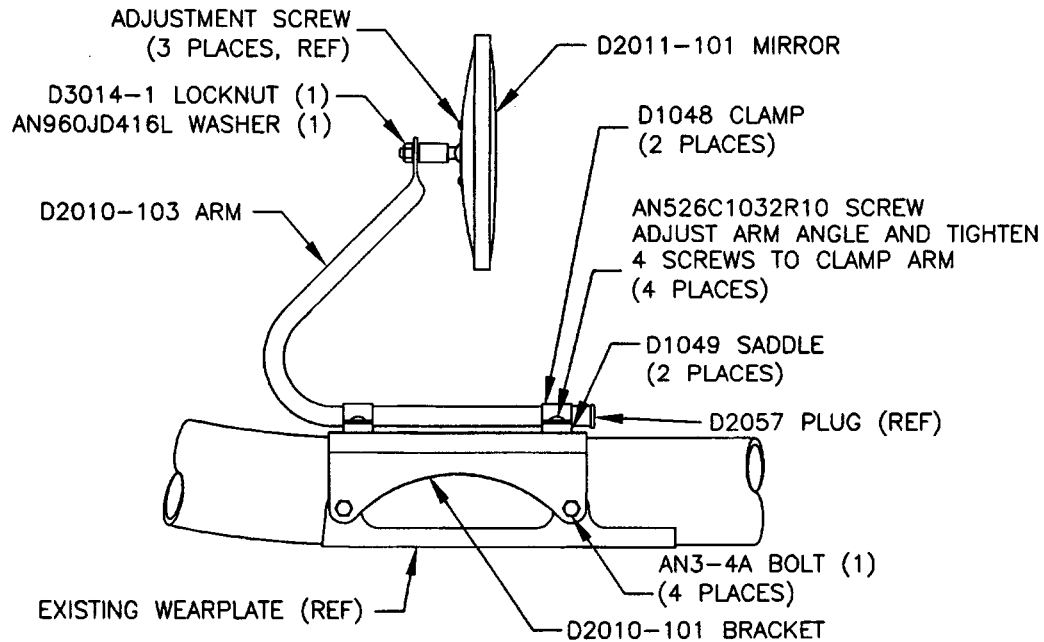
REFERENCE ONLY

Figure 2: Installation of D500-560-041 Cargo Mirror Assembly

4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D500-560-041 Cargo Mirror Assembly	1.0 lb 0.45 kg	-45 in -1.14 m	-45 lb-kg -0.51 m-kg	24 in 0.61 m	24 in-lb 0.27 m-kg

5. PARTS LIST

Qty	Part Number	Description
1	D500-560-041	CARGO MIRROR ASSEMBLY
1	D2011-101	MIRROR
1	*D3014-1	LOCKNUT
1	*AN960JD416L	WASHER
2	D1048	CLAMP
2	D1049	SADDLE
1	D2010-101	BRACKET
1	D2010-103	ARM
4	AN3-4A	BOLT
4	AN526C1032R10	SCREW (OR AN526-1032R10)

* PARTS ARE INCLUDED WITH D2011-101 MIRROR

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Revision: **D**

Date: 01.04.24

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Item ID: D500-560-041

Accept

N9000040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cargo Mirror Installation 6"

Start Date: 7/6/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 7/14/2017 Req'd Qty: 2.00

2

Customer:

Reference:

Run Start ***NR1***

Approvals: Process Plan: _____ Date: **JUL 03 2017**

Tooling:

Date: _____

Stop ***NR2***

QC: _____ Date: _____

SPC (Y/N): _____

Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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N/A	Rev D								
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120									
QC	Memo	0.04							
Quality Control									

DAS
5
9-89

AUG 03 2017

2x

17/08/2017

2

AUG 01 2017



Canada

Transports Canada

Department of Transport

Supplemental Type Certificate

This approval is issued to:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ontario
K6A 1K7 Canada

Number: SH90-17

Issue No.: 7

Approval Date: June 7, 1990

Issue Date: April 25, 2001

Responsible Office:

Ontario

Aircraft/Engine Type or Model:

McDonnell Douglas HC 369, 369A, 369D, 369E, 369F, 369FF,
369H, 369HE, 369HM, 369HS, 500N, 600N

Canadian Type Certificate or Equivalent:

H-95 (H3WE)

Description of Type Design Change:

Utility Equipment Installation

Installation/Operating Data,
Required Equipment and Limitations:

Installation is to be carried out in accordance with Dart Aerospace Master Document List
Drawing No. D500-583, Rev G, dated 01.04.24, or later Transport Canada approved revision.

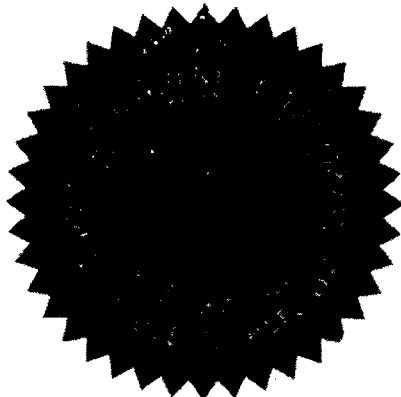
Limitations

Bearpaws, if installed, must be installed as a pair (left and right).

Required Equipment

Bearpaws → Maintenance in accordance with Dart Aerospace Instructions for Continued
Airworthiness ICA-D500-572, Rev 0, dated 01.02.21, or later Transport Canada accepted
revision.

Mirror Installation → Maintenance to be in accordance with Maintenance Manual Supplement
MMS-D500-560, Rev C., dated March 10th, 1993, or later Transport Canada accepted revision.



Conditions: This approval is only applicable to the type/model of aeronautical product specified therein.
Prior to incorporating this modification, the installer shall establish that the interrelationship between this
change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the
modified product.

Alex Pompei
For Minister of Transport

Canada